

# THE TECH

VOL. XXX. NO. 22

BOSTON, MASS., MONDAY, OCTOBER 31, 1910

PRICE TWO CENTS

## TECH LOSES ANNUAL CROSS COUNTRY RACE

### Harvard Takes First Three Places Winning by Score of 36 to 43

Saturday, for the first time since 1905, Harvard won the annual cross-country race from Technology. The score was 36 for Harvard, against 43 for Technology. Harvard nailed the first three places, led by their crack distance man, Herbert Jacques, Jr., who covered the five-mile course in 31 minutes, 54.5 seconds. Captain Watkins headed the Tech team, finishing fourth. Following Watkins came four more Tech men—W. S. Davis 1910, H. S. Benson 1912, L. O. Mills 1911, and E. E. Ferry 1912. If Tech could have squeezed in another man here a tie score would have resulted, but K. Cartwright 1912, the last man to score, had to be contented with thirteenth position.

The result of the race was a surprise to all. Out of the six previous races Tech has carried off four. The change of course undoubtedly aided Harvard to a great extent, and if the race had been on the Technology course a different result might have been expected, although the superb form of Jacques and Lawless would have assured them first and second honors. The Harvard course is a good combination of cross-country and road work, and includes more road work than does the Technology course. It lacks the brook and no stone walls are met with. There is only one fence to cross. The grades are slight, with the exception of one fair hill.

The start is across fields, then comes a patch of woods to the terminus of the Chestnut Hill car line, where the wire fence is met. The course next leads across the golf links of the County Club, and along a road for three-quarters of a mile, followed by another patch of woods to Heath street. Three-eighths of a mile beyond, a large private estate is crossed, passing over high ground, across the Chestnut Hill car line again and over turf for one-half mile. From here in comes all road running, finishing with a straightaway of 150 yards.

At the crack of the starter's gun Benson sprang to the fore, but as the bunch contracted to pass through the gate, Lawless took the lead, holding it for the first mile and a half, when his teammate, Jacques, slowly overtook him.

The end of the first lap at the corner of Dunster road and Heath street, two and one-quarter miles from the start, showed Jacques about five yards ahead of Lawless, who was closely followed by Davis. All three were running easily. The rest of the Tech team was well bunched and close to the front. It was impossible to pick the winners at this point, although it was evident that the fight for first place had narrowed down to a close contest between Jacques and Lawless, with the advantage of experience in favor of the former.

Entering on the last mile, Jacques led by seventy-five yards. Lawless followed with a good margin over Withington and Watkins.

On reaching the road Lawless lengthened out his stride and made a desperate effort to pass his leader, but at the finish Jacques' lead was still nearly fifty yards. The next man to finish was Withington, who led the Harvard team last Field Day. Watkins tore down the final stretch.

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## MEDFORD GAS ENGINES VISITED BY ELECTRICALS

### Three Large 500 Horse Power Engines Furnish Power at Boston Elevated Plant

The Electrical Engineering Society held its weekly excursion Saturday afternoon, visiting the Medford Gas Engine Plant of the Boston Elevated Company. About 25 men took advantage of the chance to inspect this station. The power plant proper consists of three large De Lawrence Gas Engines, each 500 horse-power, 20 cycle. These engines are arranged to be started by application of compressed air, 120 pounds of which is used in starting one machine, while 180 pounds will set all three into action. A device is provided whereby the air may be admitted to either end of the cylinder, giving a means of backing the engine without any further trouble. The gas is supplied to each end of the piston alternately, while exhaust occurs at the middle through a gridiron affair. The valve ports are always open, cut-off being controlled only by the passage of the piston.

The boiler room was next visited. Here the pressure producers were explained by the superintendent. These producers make the gas which is used in the engines. Screened slack coal is used entirely in this process. The fires are banked and often have been known to last two weeks without putting on more. The entire plant can be set into operation at its highest efficiency in about three minutes. The water used for condensation purposes is gotten from three artesian wells sunk about 600 feet, and is pumped up by double acting pumps, the piston of which is about 150 feet long. The smokestacks contain trays covered with stones, and the top is provided with a muffling device to prevent all possible annoyance to the neighboring community because of the throbbing sound common to such plants.

It is expected to hold the next excursion Saturday afternoon of next week, starting as soon after 12 noon as possible for the Fore River Works at Quincy. It is planned to have some member of the instructing staff accompany the parties each week. Professor Wickenden beginning the list by going with the party to Medford.

### 1913 DINNER PLANS COMPLETED.

The Dean, the Bursar and Professors Talbot and Hayward Will Speak.

All plans and arrangements for the Sophomore dinner have been completed. Owing to the postponement in the balloting and electing of officers, the dinner was changed from its original date, Wednesday, October 26, to this coming Wednesday. For the past fortnight or more the dinner committee has been hard at work selling tickets. Present indications seem to point to an altogether successful affair. A large number will doubtless be present.

This year the class of 1913 will hold its dinner in the Union, so if any members of the class objected to holding the dinner away from college last year; this cause of complaint has been removed. Four speakers have been obtained by the committee to deliver short talks. Three of them are the same as last year, speakers without whom no class dinner seems complete: The Dean, Bursar Rand and Doctor Talbot. The fourth man is a stranger to some of the fellows,

(Continued on Page 3.)

## THE DEMOCRATIC SIDE OF CAMPAIGN ISSUES

### Mr. Roger Sherman Hoar Tells Why His Party Should Win in Fall Election

"The Democrats are with the people and the Republicans against them in this fight to lower the high cost of living," began Mr. Sherman Hoar in his talk on the Democratic side of the issues of the campaign, at the Union, Saturday evening. "The Republican party claims that this is not so, but everywhere the people are beginning to realize that it is so, and the result is the overthrow of the regular Republicans by insurgents or Democrats, due to the so-called local issues in so many places.

Mr. Hoar has proven by figures collected in his own district that prices have advanced over fifty per cent. on account of the high protective tariff, and the facts in general are so well known that the Republicans can either give no answer to the argument or merely say that prices have advanced all over the world. As a matter of fact they have increased here twice as much as they have in free trade England. The tariff not only affects 'protected articles,' continued the speaker, "but even things that are in any way allied to the protected goods. The tariff question does belong in this State fight, because a defeat of the Republican party would make the Congressmen brace up. The issue affects the Legislature because it is to elect a successor to the Senate to Mr. Henry Cabot Lodge, who voted for protection a hundred and one out of a hundred and two times.

"The chief local State issues are the labor questions which are very little understood by the average layman. The eight-hour bill refers only to the men employed by contractors on public works. The present law is worthless, but the one just vetoed by the Governor will be effective because it increases the maximum fine for its violation and because it states that no man shall be 'requested, required or permitted' to work overtime. It also contains the prima facie clause which will make the contractors more careful in trying to obey the law.

"The bill regarding injunction procedure is important, too. 'An injunction,' according to a well known Harvard professor of law, 'is emergency legislation issued by a judge.' As things now stand, a man convicted for violating such an edict has no chance for appeal, and the man who has issued the injunction holds the positions both of plaintiff and judge. The judge may fine the defendant without limit, imprison him for any length of time and perhaps may be able to even take his life. The remedies suggested are that a limit be made for the amount of the fine, and that a different judge than the one issuing the injunction try the case. A time limit is provided for also, this as well as the change of judge clause being in accordance with the views of President Taft.

"As far as the revision of the tariff is concerned, whether the Democrats favor moderate protection, a revenue tariff or free trade, they all agree that the change should be a gradual one. It will, therefore, be quite a while before any contention as to how the tariff should be revised downward will arise."

Mr. Hoar also accused the Republicans of trying to defeat the income tax idea in their local campaigns, if

(Continued on page 2)

## NEW TENNIS RANKING ANNOUNCED

### Woodward and Lawton Reach Semi Finals in Fall Tournament

Four more matches are yet to be played off before the finals in the fall tennis tournament, which ought now to be finished, take place. The association has been unfortunate in holding the tournament, because the last two Saturdays being rainy, the matches have had to be postponed. However, the contestants have been slow in playing off the games, and it is desired that since it is so late, those having matches will play them off as soon as possible. Matches may be conveniently arranged among players if they will leave notes at the Cage for the Tennis Association. Woodward and Lawton are the only ones who have yet reached the semi-finals. The results of the tournament singles so far are as follows:

Preliminaries: Rankin defeats Dey, Kerr defeats Wells, Parker defeats Fisher. First round: Woodward defeats Swartz, Duke defeats Perkins, Haslam defeats Glaney, Parker defeats Kerr, Atwater defaults set to Booth, Lawton defeats Hargraves, Taylor defeats Holmes. Second round: Woodward defeats Duke, Lawton defeats Taylor. So far the chances look good for Parker and Woodward getting into the finals, but as little is known about Duke and Booth, one or both of these dark horses may decide the match. In the doubles T. B. Parker and C. P. Kerr defeated R. S. Rankin and K. Van R. Dey; results, 6-2 and 6-1; and C. R. Woodward and W. N. Holmes defeated F. F. Mackentyre and V. L. Gallagher; results, 6-1 and 6-2. The sets between the winners of the doubles ought to be especially interesting as each of the men is an exceptionally good player.

Contestants are requested to leave results of the matches at the Cage  
(Continued on page 2)

### CALENDAR.

#### Monday.

4.00—1913 Relay Practice—Field.  
4.00—1913 Football Practice—Oval.  
4.00—1913 Tug-of-War Practice—Gym.  
4.00—Crew Practice.  
4.00—1914 Relay Practice—Field.  
4.00—1914 Football Practice—Field.  
4.00—1914 Tug-of-War Practice—Gym.  
4.15—Mandolin Club Rehearsal.

#### Tuesday.

4.00—Crew Practice.  
4.00—1913 Football Practice—Oval.  
4.00—1913 Relay Practice—Field.  
4.00—1913 Tug-of-War Practice—Gym.  
4.00—1914 Football Practice—Field.  
4.00—1914 Relay Race—Field.  
4.00—1914 Tug-of-War Practice—Gym.  
1.00—Tech Board Meeting—with lunch.

#### Wednesday.

4.00—Crew Practice.  
4.00—1913 Football Practice—Oval.  
4.00—1913 Relay Practice—Field.  
4.00—1913 Tug-of-War Practice—Gym.  
4.00—1914 Football Practice—Field.  
4.00—1914 Relay Race—Field.  
4.00—1914 Tug-of-War Practice—Gym.  
4.00—1912 Nominations Close.  
4.15—C. E. Society—11 B.  
6.30—1913 Class Dinner—Union.

# THE TECH

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MONDAY, OCTOBER 31, 1910.

We are most fortunate in having a gathering place as convenient and comprehensive as the Union. The smaller rooms are of sufficient size for many meetings, while the larger room accommodates the more pretentious gatherings. The arrangement of the rooms, however, is necessarily unfortunate in one respect, namely, the exit from the smaller rooms must be through the main room. Students should do their best to minimize the inconvenience of this arrangement, and when leaving the smaller rooms take care not to disturb any meeting which may be in session in the main room. Last Saturday evening the Democratic rally was disturbed by noisy passing between the smaller room and the hall. Care should be taken not to annoy others in this respect.

## THE HORNET'S NEST.

"Ah, me proud and haughty beauty, what readest thou now?" asked Billiken as he walked into the hornet's nest from one of those cheerful three-hour sessions in Bridge Design, and threw his structure notes and Cambria on the table.

"Fair one," responded Dick from over the top of a copy of Technique 1911, "take off that hobble skirt overcoat you have on, sit down and I'll elucidate. I was not reading; I was merely pondering over a perplexing question."

"And was it worry as to whether the pretty bidders are really bubbling that troubled you?" asked the new arrival.

"Not exactly, Billiken, but tell me what are the Hexagon Club, and the Talker Club, and the Brutish Vampire Association, and the Pencilmania State, Podunk High School Club and other such organizations represented here? Do they ever do anything except elect officers and put a page in Technique?"

"Your ignorance regarding such important matters is dense, my boy," quoth Cad, who had entered the room unseen. "Why I venture to say that everyone of these clubs holds at least one meeting a year; and besides, you wouldn't rob Technique of the ten hilarity producers that each of these groups of philanthropists so cheerfully contribute to swell the exchequer of our annual every year, would you? Now from an economic standpoint

"Cease, Oh Junior, I pithee," groaned Billiken with a look of offended Senior dignity. "Do not hark muh back to the happy days of me childhood. Soon the Freshmen will drop in and quote 'At the close of my

last lecture' and I shall be forced to weep."

"No, the Freshman has other things to think about now," responded Cad. "He is trying out for the news-staff of the Hech."

Whereupon a genial groan went up and the trio went out to dinner.

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 even they did favor the measure in the National Congress.

The audience was much interested in Mr. Hoar's talk, and many of the men took advantage of the speaker's request that questions be put to him at any time. These questions were always answered in a satisfactory way. Tech men who have heard the arguments advanced by both political parties should watch the campaign from now on with added interest.

(Continued from page 1)  
 for F. W. Covill, T. B. Parker or C. R. Woodward, or else see one of these men personally.

The ranking of the players up to Saturday stood as follows: Parker 1, Covill 2, Harkness 3, Woodward 4, Kerr 5, Reed 6, Keith 7, Fisher 8, Little 9. Much interest has been taken in the rank list since many challenge matches have been played, with the result that Reed has reached 6th place and Fisher has defeated Little. A player may challenge one just above him on the list, but anyone is allowed to challenge the player last in ranking. The management of the association has received a letter from the University of Michigan, which is going to send a tennis team on a trip east next spring, asking for a match with the Institute team. The match will probably be arranged since nothing up to this time seems to be in the way of preventing it. Another match that will probably take place next spring will be with Dartmouth. The Dartmouth team defeated the Technology team at Hanover last spring, and a chance to turn the tables is eagerly sought for by the Tech team.

## INTERCOLLEGIATE NEWS.

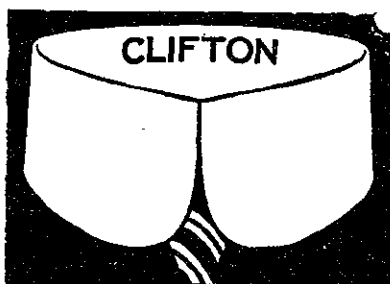
Coach Reed of Cornell created a sensation at Cornell because he called off varsity practice. The reason was that half the regular team did not report. The coaches have gone on a strike. At Cornell the college work of the men breaks up the practice, many being unable to report until late in the afternoon. The coaches say no more work until a definite arrangement is made whereby the men can practice every night.

A Cleveland memorial monument is to be erected on the golf links at Princeton. It is to take the form of a tower about 150 feet high and 40 feet square at the base. It will stand on the ground of the old Princeton battlefield of the Revolution, and is a very appropriate place, both historically and for its scenic environment.

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(Continued from Page 1.)

but is well known to a far larger number. All Course II men will be particularly pleased to hear that Professor Hayward has consented to speak. Bursur Rand will be talking to his fellow classmates, for it will doubtless be remembered by many that, at last year's dinner the Bursur was regularly enrolled as a member of the 1913 class.

The Union will serve an excellent meal that will be sure to satisfy everyone. The dinner is to consist of five courses. The dinner committee wishes to urge everyone who has not as yet purchased his ticket to do so before it is too late. That means today or tomorrow.

#### TECHNOLOGY ORCHESTRA HAS GOOD START.

Men Are Working Hard On Good Repertoire—Organization Perfected.

That Technology will soon have an orchestra it will be proud of is the opinion of the members of the organization, who are working hard to make the venture a success. Mr. R. Eksbergian 1912, is leader of the orchestra. Brooks 1913, is manager; W. D. Stevens, secretary; and Eisenberg 1912, concert master.

Some of the pieces that the orchestra is now working on are Loveland Waltzes, Bohemian Girl, Red Mill, the Arcadians and Madam Sherry. More will be added from time to time.

No concerts have yet been definitely arranged, owing to the youth of the club, but undoubtedly there will be several public appearances during the year.

The plan of the officers is to have in the orchestra about eight first violins, four to six seconds, two cellos, one bass, two trombones, two or three cornets, a viola, four flutes, two or three clarinets, a saxophone, a melophone and drums. Thus it can be seen that the organization will be a complete one, and men who are musically inclined should report for practice.

A notice comes from New Haven that since the game with Syracuse, in which Yale was outplayed, a hurry call has been made for graduate coaches, and in a few days it is expected that many of the former football stars will be on the field.

(Continued from page 1)

finishing but a few yards behind Withington.

Right after Watkins came Davis, followed by Benson, with Mills at his heels. Next came E. E. Ferry, with a gap between him and Groves, who was hard pressed by Nichols. Viets, coming in eleventh place, completed the scoring for the Cambridge college. Burrage came in before Tech's score, which was made by Cartwright after a heart-breaking struggle with R. M. Ferry and Nye, the Freshman member of the team. Twelve men ran on each team, but only the first six scored.

The key to the Crimson victory was the securing of the first three places. The great feature of the race was the careful bunching of the Tech men, who kept together from start to finish, running almost as one man. This team spirit is difficult to develop, and while it failed to secure victory Saturday, it is the secret of ultimate success.

The summary:

Pos.	Name and College.	m.	s.	Time.
1—	H. Jacques, Jr., H.....	31	54	5
2—	H. P. Lawless, H.....	31	35	2-5
3—	P. R. Withington, H.....	31	42	2-5
4—	H. G. Watkins, T.....	31	48	4-5
5—	W. S. Davis, T.....	31	55	2-5
6—	H. S. Benson, T.....	32	8	
7—	L. O. Mills, T.....	32	9	3-5
8—	E. E. Ferry, T.....	32	15	2-5
9—	H. L. Groves, H.....	32	19	4-5
10—	S. Nichols, H.....	32	22	
11—	E. L. Viets, H.....	32	46	3-5
12—	W. Burrage, H.....	32	51	4-5
13—	K. Cartwright, T.....	33	3	
14—	A. F. Nye, T.....	33	4	
15—	R. M. Ferry, T.....	33	4	
16—	W. P. Rogers, H.			
17—	W. H. Lacey, H.			
18—	W. A. Perkins, H.			
19—	R. D. Van Alstine, T.			
20—	P. C. Heald, H.			
21—	R. E. Boyd, H.			
22—	R. D. Bonney, T.			
23—	V. V. Ballard, T.			
24—	L. C. Coley, T.			

Moving pictures of interesting features of campus activities are to be exhibited throughout the State of Missouri for the purpose of advertising the university.

A series of lectures on journalism is being presented at the University of Minnesota by a prominent representative of the press.

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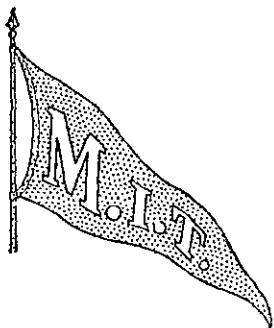
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**BASKETBALL.**—Owing to the non-return of A. T. Bennis, the position of basketball manager is now open. Any men wishing to try for the position will please communicate with T. B. Parker 1911, Captain.

**NOTICE.**  
 1913 Dinner postponed until Wednesday, Nov. 2. All tickets good for that date.

474 MASS. AVE.—Large, sunny front room, large closet, hot and cold water; \$5.00 per week for two.

1912.  
 Nominations for class officers open until Wednesday, Nov. 2, at 4 P. M. Leave at Cage or with Committee.  
 D. F. BENBOW, Chairman.  
 D. E. BENT.  
 H. S. BENSON.  
 R. T. RATHBURN.

**NOTICE.**  
 The exercises of the Institute will be suspended on Friday, November 4th, after 12 o'clock M., for Fall Field Day.  
 A. L. MORRILL, Secretary.

**ROOMS.**  
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**NOTICE.**  
 Nominations for 1914 class officers must be signed by ten men and in at the Cage by 5 P. M. Monday, October 31st.  
 The officers to be elected are President, Vice-President, Secretary, Treasurer, members of Institute Committee, members Executive Committee and members of Athletic Association.  
 H. A. MAYER,  
 Chairman Nominating Committee.

Twenty-five men are being instructed in the fall baseball practice at Stanford University.

**LOST.**—Leather bound, loose leaf note book, belonging to William N. F. Flanders. Name in front. Finder please leave at Cage. Reward. William N. Flanders, 264 Newbury street. 15-19

**ART MUSEUM.**  
 Free tickets of admission to the Museum of Arts for the year 1910-1911 will be issued to students upon application at the ticket office at the entrance to the Museum.  
 H. S. STORY,  
 Curator.

**COURSE II.**  
 Fourth Year.  
 Recitations sections begin Friday, October 28. Lists are posted in the 4th year bulletin board in Lowell Building, and in Course II, 4th year, drawing room.  
 HARRISON W. SMITH.


**NOTICE.**  
 Two volumes of Technique for sale, 1894 and 1895; 1895 is dedicated by President Walker and has his picture as a frontispiece. Apply at Room 36, Walker.

**NOTICES.**  
**DYNAMO ELECTRIC MACHINERY.** 661.  
 Problems may be obtained by applying to Room H, Lowell Building. (2)  
 HARRISON W. SMITH.

**GET BUSINESS EXPERIENCE** and help The Tech by trying for the business staff. Commission paid on ads. obtained. (3)


**NOTICE.**  
 Nominations for 1914 class officers must be signed by ten men and in at the Cage by 5 P. M., Monday, October 31st.  
 The officers to be elected are President, Vice-President, Secretary, Treasurer, members of Institute Committee, members of Executive Committee and members of Athletic Association.  
 H. A. MAYER,  
 Chairman Nominating Committee.

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 7 Dinners, \$2.25; Breakfasts, 35c.; Luncheons, 25c.; Dinners, 40c.

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# THE TECH

VOL. XXX. NO. 23

BOSTON, MASS., TUESDAY, NOVEMBER 1, 1910

PRICE TWO CENTS

## PROGRESS OF ENGINEERING IN INDIA

### Mr. D. C. Churchill '99 Will Speak on Irrigation in India Before C. E. Soc.

Irrigation work in India and the general industrial and agricultural development of that country will be the topic of the talk to be given before the Civil Engineering Society at their third meeting of the year. This will be held in Room 11, Engineering B, at 4.15 P. M., Wednesday afternoon.

This meeting affords an excellent chance for men to become acquainted with engineering in a foreign country, and a country which is rather unique in its engineering development. It is a strange combination of the highest and also the most primitive forms of engineering. The English have spent large sums of money in constructing dams and reservoirs which stand as models for the whole world, and yet the natives, by their lack of knowledge of irrigation and water power, do not take advantage of this opportunity nearly as much as they could if they were properly trained in such matters. Consequently there is a very large field for hydraulic and mechanical engineers.

Mr. Churchill is very well qualified to speak on this subject from both the scientific and practical sides of this question. He is a graduate of M. I. T. in the class of 1899, Course II. In his Senior year he was president of the Mechanical Engineering Society. After graduation he was employed by the Westinghouse Company in Pittsburg. Leaving his position in 1903, he went to India under the American Board of Foreign Missions to take charge of the industrial work in western India. He has shown himself a man of excellent ability in this line of work and has been granted medals by the British Government for his work in the education of the natives in industrial and engineering work. He has made a number of inventions in connection with hydraulic and weaving machinery. Notable among these is a meter for measuring the flow of water in an irrigation ditch where there is but a few inches of water flowing.

Besides his hydraulic work, Mr. Churchill has been closely connected with the weaving industry which, although in a rather primitive state, has made comparatively large advances in recent years.

All of these subjects will be treated to some extent from an economic standpoint, as it has been Mr. Churchill's endeavor to raise the efficiency in all the work carried on and thereby to lower the cost of production.

Following the lecture there will be a short business meeting, in which the applicants for membership will be voted on. About fifty names have been handed in to the Secretary, consisting mostly of 1913 men, who are now eligible for membership.

The oil lab of the chemical department is decorated at present in celebration of the return of Dr. Gill. It seems quite natural to see him back.

Our congenial friend, William Winton, has been decorated with a very pretty medal. He has just finished twenty-eight years of service with the Institute. Step in the chemical supply room, near 40 Walker, and he will give you all the material you will sign for. We are glad to see his faithfulness recognized.

## NOMINATIONS FOR SENIOR OFFICERS

### Candidates for All Positions Have Been Active in Class And Institute

To engineer the last of its undergraduate years, the class of 1911 has the following good list of nominees to pick from:

For President—

Lloyd Cartwright Cooley.  
Donald Read Stevens.

For Vice-President—

Edward Russell Hall.  
Charles Phillips Kerr.  
Howard David Williams.

For Secretary—

Orville Boardman Denison.  
Charles Hudson Sayre Merrill.  
Foster Russell.

For Treasurer—

Kester Barr.  
Herbert Fryer.  
Hubert Stacey Smith.

For Clerk—

Henry Francis Dolliver.  
Kenneth Winslow Faunce.  
Robert Thomas Haslam.

For Class Directors—

P. L. Caldwell.  
H. M. Davis.  
K. Greenleaf.  
C. F. Hobson.  
W. K. Hodgman.  
G. B. Wilkes.

For Institute Committee—

J. C. Fuller.  
M. A. Grossman.  
H. S. Lord.  
T. B. Parker.  
O. D. Powell.  
A. W. Yereance.

For Athletic Association Representatives—

W. D. Allen.  
O. V. Chamberlain.  
E. W. DeWitt.  
J. L. McAllen.  
J. D. Mackenzie.  
P. D. White.

For the first position, the two candidates have been unusually active throughout the three previous years. L. C. Cooley was manager of his class relay, both Freshman and Sophomore. He was on the class Executive Committee in the Sophomore year, and a member of the Technique Electoral Committee. During the third year he was athletic editor of Technique.

D. R. Stevens was a member of the relay team during his Freshman year, was on the news staff of The Tech, was a member of the musical clubs and the Tech Show Chorus. The second year he was one of the class representatives on the Institute Committee and was a member of the 1911 Technique Electoral Committee, and associate editor of The Tech. During his Junior year he undertook the work of publishing the Junior Year Book, of which he was the editor-in-chief.

The Secretary of the class has been usually made the permanent class Secretary, and in this position is really the life and energy of the class after graduation. There has been some talk about changing the custom to holding a separate election for the position at the end of the school year, because it might be that the man for Secretary of undergraduate class might not be the one at all for the permanent position. But as it now stands, the Secretary is the only one who continues permanently in office. There is nothing in the class constitution regarding the matter.

For the position of Secretary, Orville B. Denison qualifies from the fact that he held the position last year and has been engaged in many

(Continued on Page 3.)

## GOOD INTEREST SHOWN IN DU PONT COMPETITION

### Captain Salisbury His Highest Score Freshman Working Hard

Several upper classmen and about a dozen Freshmen have entered the competition for the du Pont cup which was recently offered by the Advisory Council in honor of Thomas Coleman du Pont, 1883.

As described in The Tech a week ago, the competition is this year open to students in all four classes, but hereafter it will be confined to the two lower classes. The competitor chooses one out of each of three classes of events—running, jumping, or weights—and makes two sets of scores, one in the Fall and the other in the Spring. Competition in all three events must be made on the same day.

The time limit for the competition this Fall is up on Saturday of this week, but this limit will be extended for cross-country men, many of whom have expressed their desire to enter. It is imperative that all those who want to take part in this competition should report at the Field as soon as possible and not wait until the last minute Saturday afternoon. It will save much time and trouble if all men who intend to compete will look over the schedule which was published in The Tech Tuesday, October 25, and is posted at the Field and on the bulletin boards, of the events before coming to the Field. This schedule is posted on the bulletin board in Rogers corridor and at the Field. It should not be particularly difficult to make a choice of events before coming out, and it will aid Coach Kanaly very much.

Captain W. C. Salisbury 1911, of the track team, heads the list of competitors at present with a score of 212 points. He earned 100 points in the 440 and 100 more in the pole vault, and gained 12 points on the discus throw. Other upper classmen who have been working are P. W. Dalrymple 1912, R. H. Gould 1911, and N. D. McLeod 1913. The most pleasing part of the competition is the interest taken by the Freshmen, who are taking hold in good shape.

Thomas Coleman du Pont, in whose honor the cup was offered, was one of the best known athletes of his time, and while he made a specialty of the 100-yards dash and the high kick, was a good all-round man. He was captain and No. 3 man on the heavy-weight tug-of-war team, which was one of the best in New England at that time. Since graduation he has taken an active interest in athletics and by his liberality has relieved the financial straits under which athletics at the Institute have labored for some two or three years.

A number of the fellows are already busy looking up material for thesis work, and some are already starting the lists.

Yale used thirty men in the game with Tufts. Six men were sent back into the game.

Harvard University has decided to accept a number of exchange students from Scandinavian universities, exempting from the regular tuition fees for a period of ten years, three advanced students from the Scandinavian universities who may be recommended by the American-Scandinavian Society.

## FOUNDER OF RED CROSS SOCIETY DEAD

### Henri Dunant World Benefactor Died in Penury at Genoa

Close upon the news of the death of Florence Nightingale comes word from Switzerland that Henri Dunant, founder of the Red Cross Society, is no more. It was this man's stirring book on the horrors of the battle of Solferino which attracted world-wide attention and directly resulted in the famous convention of Geneva and the founding of societies in every civilized country. Twelve world powers signed the articles of this convention, and it was agreed that, though each separate country should have its own branch society, the management of the whole should be in charge of an international committee. Clara Barton was the first president. Today, President Taft has that honor.

Henri Dunant, who caused this great revolution in the barbarous practices of war as carried on in the middle part of the last century, was himself reduced to such a miserable state of poverty that his own description of his mode of life is indeed horrible.

Having seen the terrible sights of a battlefield after a fierce conflict, he decided to enlist the sympathy of Louis Napoleon and President MacMahon. This he did without much trouble, but his unceasing efforts and great expenses soon broke his health and rendered him penniless. He spent the last few years of his life in a health resort, living entirely off public charities.

The establishment of a postoffice on Princeton's campus is being strongly agitated.

## CALENDAR.

### Tuesday.

4.00—Crew Practice.  
4.00—1913 Football Practice—Oval.  
4.00—1913 Relay Practice—Field.  
4.00—1913 Tug-of-War Practice—Gym.  
4.00—1914 Football Practice—Field.  
4.00—1914 Relay Race—Field.  
4.00—1914 Tug-of-War Practice—Gym.  
1.00—Tech Board Meeting—with lunch.  
4.15—Glee Club Rehearsal.  
4.15—Technique Board Meeting—Union.

### Wednesday.

4.00—Crew Practice.  
4.00—1913 Football Practice—Oval  
4.00—1913 Relay Practice—Field.  
4.00—1913 Tug-of-War Practice—Gym.  
4.00—1914 Football Practice—Field.  
4.00—1914 Relay Race—Field.  
4.00—1914 Tug-of-War Practice—Gym.  
4.00—1912 Nominations Close.  
4.15—C. E. Society—11 B.  
6.30—1913 Class Dinner—Union.

### Thursday.

4.00—Crew Practice.  
4.00—1913 Football Practice—Oval.  
4.00—1913 Relay Race—Field.  
4.00—1913 Tug-of-War Practice—Gym.  
4.00—1914 Relay Practice—Field.  
4.00—1914 Football Practice—Field.  
4.00—1914 Tug-of-War Practice—Gym.  
4.15—Mandolin Club Rehearsal—Union.  
4.15—Glee Club Rehearsal—Union.  
5.00—Books for Tech Show Due.

# THE TECH

Published daily, except Sunday, during the college year by students at the Massachusetts Institute of Technology.

Entered as second-class matter, Sept. 29, 1910, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

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G. M. Keith 1912.....Editor-in-Chief  
S. E. Bates 1911.....Managing Editor  
P. M. Tyler 1912.....Athletic Editor  
T. E. Senior 1913.....Gen'l News Editor  
R. S. Rankin 1913.....Societies Editor

## Business Board.

A. W. Yereance 1911.....Business Mgr.  
H. W. Hall 1912.....Advertising Mgr.  
H. P. Fessenden 1913.....Circulation Mgr.

## Associate Editors.

E. W. Tarr 1912.....Institute  
E. W. Taft 1913.....Societies

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Printed by Croke Printing Co.

TUESDAY, NOVEMBER 1, 1910.

This noon the Freshmen will hold a great mass meeting in Huntington Hall. A great deal of work is scheduled for the meeting, and it is essential that every Freshman be there. At the previous assembly, nearly a month ago, the class showed a surprising lack of interest, expressed by the manner in which so many of the class left the hall before the close of the meeting. With the approach of Field Day, let us hope that the 1914 class spirit has developed accordingly, and that every Freshman will be present at this important meeting of his class.

Although the Freshman meeting this noon is sure to be overcrowded with excitement, there should surely be left one corner of the program for the consideration of a certain question. Is the scrimmage at the initial Freshman dinner to be abolished by the class of 1914? Action on this question is already overdue and more delay will mean a neglected opportunity for the class. The question should be settled now while the recent farce is yet so fresh in our minds. Remember the following points: The rush is manifestly unfair and one-sided and has never been supported by a Sophomore class as a whole.

The Institute's reputation is hurt by such a display of unfair play and puerile form of class antagonism.

The faculty are opposed to the tradition.

The alumni are opposed to the tradition.

In fact, every fair-minded man with the interests of the Institute at heart must be opposed to any such demonstration of unfair play.

Think it over and see if class action against this custom is not worth a moment's attention at the meeting today. The alumni, the faculty, and all interested in the Institute are looking to you, 1914.

The final match of the tennis tournament a year ago this Fall was played off the following Spring, and the final outcome of last Spring's tournament was not decided until this Fall. The committee in charge sought to overcome this difficulty by commencing the play early this Fall, but their precaution appears to have been in vain. One or two men have been slow in playing off their matches and are consequently tying up the entire tournament. It is the old story of the thoughtlessness of a few inconveniencing and delaying the many. Is the outcome of this Fall's tournament to be postponed until next Spring?

## COMMUNICATION.

To the Editor of The Tech:

Dear Sir:—The nominations for the officers of the class of 1912 close Wednesday, November 2, and the elections will be announced at the class dinner Wednesday, November 9. All the members of the class should realize that this, their Junior year, is the most important, and that the demands made upon its officers are unusual. It must be remembered that the chief duties of the president are first, the vice-presidency of the Institute Committee, and second, the entire oversight of the Junior Prom in April. These duties require not only a man who is well known in his class and acquainted with the various student activities, but also a man that can lead a committee as important as the Institute Committee, which he may be called upon to do, and who can successfully manage a social function like the Junior Prom.

The fact that the class management turns aside this year from its previous routine and places its responsibilities upon the Board of Directors makes this body an all-important one. The other officers are equally as important, and it is to be sincerely hoped that every man who is eligible to vote will take advantage of this opportunity and carefully consider the matter before casting his ballot.

ARCH. EICHER.

## FOURTH YEAR.

### Course VI.

October 25, 1910.

Beginning Saturday, October 29th, the hours for the exercises in Journals and Power Transmission will be interchanged according to the following memorandum:

The hour for Power Transmission will be changed on Saturday from 10 to 9; that for Journals from 9 to 10.  
WALTER HUMPHREYS,  
Registrar.

## FOURTH YEAR.

### Course XIV.

October 25, 1910.

Beginning Saturday, October 29th, the hour for the exercises in Power Transmission on Saturday will be changed from 10 to 9.

WALTER HUMPHREYS,  
Registrar.

## FIRST YEAR.

October 25, 1910.

Section 13 in Chemistry Recitation will be changed from Saturday at 12 to Friday at 9, and meet at that hour in 22 Rogers.

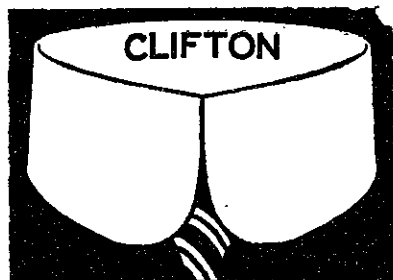
WALTER HUMPHREYS,  
Registrar.

The senior class at Illinois has initiated a movement looking to the abolishment of final examinations in the second semester of the senior year.

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# STORMY SESSION IN FRENCH PARLIAMENT.

Premier Briand Accused and Threatened by Enraged Socialists and Radicals.

An extraordinarily disorderly session, even for a parliament used to scenes of the most extreme tumult, was held yesterday by the French Chamber of Deputies. The excitement was brought about by the valiant defence of Premier Briand against the violent attacks of the radical and Socialist members of that body. The Premier has been most harshly criticised for his action in regard to the recent railway strike in France. In defending his policy he made the following remark:

"If the actual laws had been insufficient we would not have hesitated to resort even to illegality for the purpose of preserving the fatherland."

These words started the disorder. Many members sprang forward and cried that the Premier had taken upon himself the power of a dictator and that he must resign. One hot-blooded deputy pressed forward to assault M. Briand. Desks were overturned and cries and imprecations filled the air. Throughout the next three-quarters of an hour this tumult kept up, every one attempting to make himself heard. The Premier, however, stood calm and unmoved until some order was restored. He then adjourned the debate until next Saturday.

M. Juarez of the Socialist party said that the mobilization of the strikers under the national colors was an illegal coup d'etat which violated the most sacred rights of the wage earners. Premier Briand claimed that disorder was the result of a pre-arranged action on the part of the Socialists to gain control by violence in the Chamber of Deputies.

A Freshman at Wisconsin jumped 22 feet in the broad jump recently.

At Dartmouth a new prize of \$20, called the Kenneth Archibald athletic prize, is offered to the member of the graduating class who, in the judgment of the athletic committee, has been the best all-round athlete, regard also being had to recognized moral worth and a high standing in scholarship.

Continued from page 1)

other lines since coming to the Institute. He has done a large amount of music writing for Tech Show. He has risen through various positions on The Tech to that of Managing Editor, which he resigned at the first of this year. He was a member of Technique Electoral Committee and Grind Editor of the book. The other two for the position have also done much for the Institute and the class since entering. C. H. S. Merrill was concerned in football the first two years, was a member of the Athletic Association, was representative of his class on the Athletic Association last year, and added much to the success of last year's Technique in many lines, as well as those belonging strictly to the Statistical Department. Foster Russell has recently shown what is in him by his activities in the position of Secretary of the Mechanical Engineering Society, besides being interested in many other student affairs.

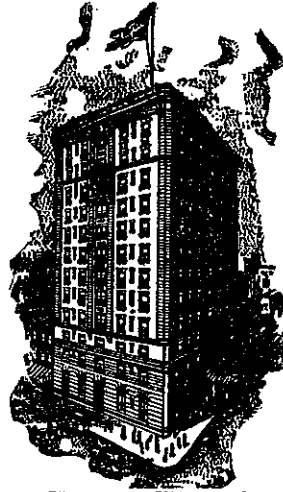
For the Institute Committee, in which the Senior class representatives play the most important part, J. C. Fuller and M. A. Grossman represented the class on that committee last year. The new men for the position—H. S. Lord, T. B. Parker, O. D. Powell and A. W. Yereance—are, however, well qualified. T. B. Parker is captain of the basketball team, of which he has been a member since entering the Institute. He was class vice-president during his Sophomore year, and was president of the Tennis Association. During his Junior year he was professors' editor of Technique. A. W. Yereance has been connected with The Tech since the first day he entered, and is now business manager of the same. For the other positions the men are all well qualified and could all represent the class well in the positions for which they are nominated.

Ballots will be out Thursday or Friday, and will be due in four days after. The exact times and dates will be announced later on the bulletin boards and in The Tech.

A loyal alumnus of Michigan has offered a prize of \$100 for the "most effective method of arousing enthusiasm at the big games," preferably a new cheering song.

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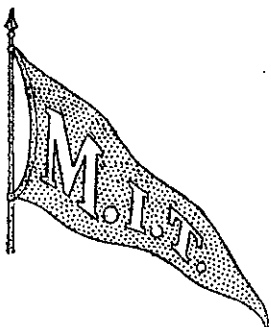
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Orchestra of 40.

## SHUBERT

TONIGHT  
Evenings 8:00  
Matinees 2:00

—THE—

## Summer Widowers

With the Big New York Cast  
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LEW FIELDS AND IRENE FRANKLIN

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Stylish Hair Cutting

Special Rates to Students

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Stops Hair from Falling Out

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Best Board in Back Bay.

Reasonable Rates.

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## Oak Grove Creamery Co.

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## QUICK LUNCH

Open from 11.30 a. m. to 2.30 p. m.

Combination Lunches 25c

Special 3.30 MEAL TICKET to STUDENTS, 3.00

Our New Room now Open. We have doubled our seating capacity

431-437 Boylston Street

BASKETBALL.—Owing to the non-  
return of A. T. Bennis, the position of  
basketball manager is now open. Any  
men wishing to try for the position  
will please communicate with T. B.  
Parker 1911, Captain.

### NOTICE.

1913 Dinner postponed until Wednes-  
day, Nov. 2. All tickets good for that  
date.

### NOTICES.

Civil Engineering Society meeting  
Wednesday, November 2, at 4.15, in  
11 B. Mr. D. C. Churchill, 1899, will  
talk on "Engineering in India."

ALL MEN desiring pictures of the  
Cosmopolitan Club should leave notes  
in Box 36, at the Cage.

### SECOND YEAR.

October 31, 1910.

A new section in Physics Recita-  
tion, Course I, will meet Mondays and  
Wednesdays, 2-3, in Room 24 Lowell.

WALTER HUMPHREYS,

(1) Registrar.

1912.

Nominations for class officers open  
until Wednesday, Nov. 2, at 4 P. M.  
Leave at Cage or with Committee.

D. F. BENBOW, Chairman.

D. E. BENT.

H. S. BENSON.

R. T. RATHBURN.

### ROOMS.

474 MASS AVE.—Large, sunny  
front room; large closet, hot and cold  
water. \$5.00 per week for two. 20-22

### NOTICE.

Nominations for 1914 class officers  
must be signed by ten men and in at  
the Cage by 5 P. M. Monday, October  
31st.

The officers to be elected are Presi-  
dent, Vice-President, Secretary, Treas-  
urer, members of Institute Committee,  
members Executive Committee and  
members of Athletic Association.

H. A. MAYER,

Chairman Nominating Committee.

### NOTICE.

The exercises of the Institute will  
be suspended on Friday, November  
4th, after 12 o'clock M., for Fall Field  
Day.

A. L. MORRILL, Secretary.

LOST—Leather bound, loose leaf  
note book, belonging to William N. F.  
Flanders. Name in front. Finder  
please leave at Cage. Reward. Wil-  
liam N. Flanders, 264 Newbury street.  
15-19

### ART MUSEUM.

Free tickets of admission to the  
Museum of Arts for the year 1910-1911  
will be issued to students upon appli-  
cation at the ticket office at the en-  
trance to the Museum.

H. S. STORY,

Curator.

### COURSE II.

Fourth Year.

Recitations sections begin Friday,  
October 28. Lists are posted in the  
4th year bulletin board in Lowell  
Building, and in Course II, 4th year,  
drawing room.

HARRISON W. SMITH.

### NOTICE.

Two volumes of Technique for sale,  
1894 and 1895; 1895 is dedicated by  
President Walker and has his picture  
as a frontispiece. Apply at Room 36,  
Walker.

### NOTICES.

DYNAMO ELECTRIC MACHINERY.  
661.

Problems may be obtained by ap-  
plying to Room H, Lowell Building.  
(2) HARRISON W. SMITH.

GET BUSINESS EXPERIENCE and  
help The Tech by trying for the busi-  
ness staff. Commission paid on ads.  
obtained. (3)

### TECHNOLOGY.

Medical Adviser.

October 27, 1910.

Dr. Franklin W. White Medical Ad-  
viser to the Institute, may be consult-  
ed by students, without charge, on  
Monday and Thursday, from 4 to 5 P.  
M., in Room 27, Pierce.

Exemption from the payment of a  
fee is limited to these hours and this  
place.

Mr. White's private office is at No.  
416 Marlborough street, and his office  
hours are from 8 to 9 A. M., and from  
1.30 to 3 P. M., daily.

WALTER HUMPHREYS,

Registrar.



Street number and name of  
place to buy stationery.  
Corner of Elm Street.

## The Longfellow Dining Room

150 St. Botolph Street

C. J. LADD

21-Meal Ticket, 7 Breakfasts, 7 Lunch-  
eon and 7 Dinners, \$4.50.

14-Meal Ticket, 7 Breakfasts, 7 Lunch-  
eons, or Dinners, \$3.50.

7 Dinners, \$2.25; Breakfasts, 35c.;  
Luncheons, 25c.; Dinners, 40c.

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Lunch, 12 to 2 . . . . . 25c  
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\$5.50 Meal Ticket . . . . . \$5.00

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